



## State of Utah

### Department of Natural Resources

MICHAEL R. STYLER  
*Executive Director*

### Division of Oil, Gas & Mining

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

#### Representatives Present During the Inspection:

OGM	Joe Helfrich	Environmental Scientist III
Company	Dennis Ware	Controller

## Inspection Report

Permit Number:	<b>C0070038</b>
Inspection Type:	<b>COMPLETE</b>
Inspection Date:	Thursday, September 22, 2005
Start Date/Time:	9/22/2005 10:00:00 AM
End Date/Time:	9/22/2005 3:00:00 PM
Last Inspection:	Thursday, June 16, 2005

Inspector: Joe Helfrich, Environmental Scientist III

Weather: sunny 70 slight breeze

InspectionID Report Number: 748

Accepted by: whedberg  
10/3/2005

Permittee: **PLATEAU MINING CORP**

Operator: **PLATEAU MINING CORP**

Site: **WILLOW CREEK MINE**

Address: **PO BOX 30, HELPER UT 84526-0030**

County: **CARBON**

Permit Type: **PERMANENT COAL PROGRAM**

Permit Status: **ACTIVE**

#### Current Acreages

14,670.00	<b>Total Permitted</b>
161.55	<b>Total Disturbed</b>
	<b>Phase I</b>
	<b>Phase II</b>
	<b>Phase III</b>

#### Mineral Ownership

- ☒ Federal  
☐ State  
☐ County  
☒ Fee  
☒ Other

#### Types of Operations

- ☒ Underground  
☐ Surface  
☒ Loadout  
☐ Processing  
☐ Reprocessing

#### Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

The purpose of this site visit was to conduct a complete inspection at the Willow Creek reclaimed site. There were no off-site impacts noted during the inspection. An application for phase one bond release for the Schoolhouse refuse pile and an application for phase three bond release for the remaining buildings and associated property was hand-delivered to the Division on September 23, 2005 by the undersigned.

Inspector's Signature

Date Friday, September 30, 2005

Joe Helfrich, Environmental Scientist III

Inspector ID Number: 1

**Note:** This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas and Mining.

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## Inspection Continuation Sheet

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### **REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS**

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
  - a. For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.
  - b. For PARTIAL inspections check only the elements evaluated.
2. Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Divison Orders, and amendments.

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## **1. Permits, Change, Transfer, Renewal, Sale**

The 5-year permit expires on 4/23/06. The renewal due date for the application is 12/23/07. The U.P.D.E.S. permit was issued 5/1/03 and expires on 4/30/08. The Division has received an application for phase one bond release for the Gravel Canyon area. The application has been reviewed and an on site evaluation was completed 9/8/05.

## **2. Signs and Markers**

Signs containing the required information were posted at the entrances to the reclaimed site.

### **4.b Hydrologic Balance: Sediment Ponds and Impoundments**

The sediment pond 001A was inspected on 8/4/05 by Lane Jensen from Earthfax Engineering. The structure was stable and showed no signs of weakness or hazards. At the time of this inspection, there was no water in the pond. The refuse pile was also inspected on 8/5/05. The structure was stable and showed no signs of weakness or hazards.

### **4.c Hydrologic Balance: Other Sediment Control Measures**

The roughening techniques used during reclamation were functioning adequately to retain water and control off site sediment deposition.

### **4.d Hydrologic Balance: Water Monitoring**

Hard copies of the monitoring data for the second quarter of 2005 were available for inspection. The second quarter data has also been uploaded into the database.

### **4.e Hydrologic Balance: Effluent Limitations**

DMR's were current through August 2005.

## **7. Coal Mine Waste, Refuse Piles, Impoundments**

The Schoolhouse Canyon refuse pile was inspected on 8/4/05. According to the inspection report prepared by Lane Jensen, there were no signs of structural weakness or hazards.

## **13. Revegetation**

This is the end of the first season since the site was reclaimed. There are some areas where the vegetation seems to be sparse compared to the remaining areas. It will take several years before an accurate assessment on the vegetation success can be made.

**14. Subsidence Control**

The Crandall Canyon manshafts are being monitored for settling. Extra soil was placed near the manshafts at reclamation to be used in case the areas around the shafts settle. The larger of the two shafts has settled approximately 3-5 feet. The area will be filled, regraded, and seeded this fall.

**18. Support Facilities, Utility Installations**

Removal and relocation of the rail loadout facility is scheduled to be completed in October of this year. Once dismantled, the facility will be transported to an affiliate mine in Pennsylvania. The dismantling will require the use two 70-ton cranes strategically placed near the loadout building.

**21. Bonding and Insurance**

The surety bond is in the amount of \$7,866,000 and the liability insurance is current through 7/30/06.